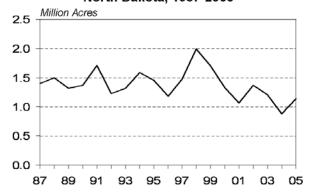
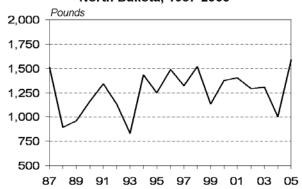
# Sunflower

## All Sunflower: Planted Acres North Dakota, 1987-2005



## All Sunflower: Yield Per Acre North Dakota, 1987-2005



Sunflower: Acreage, Yield, Production, Price and Value by Type, North Dakota, 1996-2005

		, ,	pe, North Da	KOIA, 1990-20			
Year	Area	Area	Yield	Production	Marketing Year	Value of <sub>a</sub>	Value Per
TCai	Planted	Harvested	Per Acre		Avg Price 12	Production <sup>3</sup>	Harvested Acre
	1,000 Acres	1,000 Acres	Pounds	1,000 Pounds	\$/Cwt	\$1,000	Dollars
Sunflower, All							
1996	1,180	1,165	1,488	1,733,750	12.10	206,524	177.27
1997	1,470	1,410	1,321	1,862,900	11.80	219,979	156.01
1998	1,990	1,960	1,517	2,972,800	10.90	307,016	156.64
1999	1,700	1,645	1,134	1,866,250	8.18	154,576	93.97
2000	1,330	1,265	1,374	1,738,650	7.46	125,169	98.95
2001	1,070	1,050	1,403	1,473,300	10.00	144,600	137.71
2002	1,370	1,315	1,292	1,699,550	12.10	202,692	154.14
2003	1,210	1,165	1,304	1,518,850	12.20	180,115	154.61
2004	880	790	1,002	791,700	14.10	108,713	137.61
2005	1,140	1,105	1,586	1,752,650	11.40	201,503	182.36
Sunflower, Oil							
1996	900	890	1,500	1,335,000	10.90	145,515	163.50
1997	1,150	1,100	1,330	1,463,000	11.10	162,393	147.63
1998	1,600	1,580	1,540	2,433,200	9.38	228,234	144.45
1999	1,250	1,220	1,150	1,403,000	6.56	92,037	75.44
2000	1,010	965	1,410	1,360,650	6.06	82,455	85.45
2001	850	835	1,440	1,202,400	9.39	112,905	135.22
2002	1,150	1,105	1,310	1,447,550	11.60	167,916	151.96
2003	1,060	1,020	1,300	1,326,000	11.30	149,838	146.90
2004	720	660	1,040	686,400	13.00	89,232	135.20
2005	910	885	1,610	1,424,850	10.30	146,760	165.83
Sunflower, Non-oil			·			•	
1996	280	275	1,450	398,750	15.30	61,009	221.85
1997	320	310	1,290	399,900	14.40	57,586	185.76
1998	390	380	1,420	539,600	14.60	78,782	207.32
1999	450	425	1,090	463,250	13.50	62,539	147.15
2000	320	300	1,260	378,000	11.30	42,714	142.38
2001	220	215	1,260	270,900	11.70	31,695	147.42
2002	220	210	1,200	252,000	13.80	34,776	165.60
2003	150	145	1,330	192,850	15.70	30,277	208.81
2004	160	130	810	105,300	18.50	19,481	149.85
2005	230	220	1,490	327,800	16.70	54,743	248.83
15 " : 2225 1	⊒55	==0	.,	=:,300		2 .,0	

<sup>&</sup>lt;sup>1</sup> Preliminary 2005 marketing year average (MYA) price is based on entire month price data through December 2005. Final 2005 MYA price will be published in November 2006. <sup>2</sup> Marketings of oil and non-oil sunflower used as weights to calculate all sunflower price. <sup>3</sup> Oil and non-oil values are computed by multiplying price by production. All sunflower value is sum of oil and non-oil values.

Sunflower: Stocks by Position and Type, September 1, North Dakota, 1996-2005

	Cumower. Glocks by resident and Type, ceptember 1, North Baketa, 1996 2000											
Year		Oil			Non-oil		All					
Tear	On Farm	Off Farm 1	Total	On Farm	Off Farm 1	Total	On Farm	Off Farm 1	Total			
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds			
1996	23,500	113,200	136,700	5,000	43,600	48,600	28,500	156,800	185,300			
1997	87,500	147,900	235,400	12,500	42,100	54,600	100,000	190,000	290,000			
1998	8,000	74,300	82,300	5,000	36,700	41,700	13,000	111,000	124,000			
1999	160,000	116,200	276,200	14,000	39,300	53,300	174,000	155,500	329,500			
2000	83,000	125,100	208,100	18,000	63,300	81,300	101,000	188,400	289,400			
2001	22,000	68,100	90,100	19,000	61,000	80,000	41,000	129,100	170,100			
2002	6,500	30,600	37,100	4,500	60,200	64,700	11,000	90,800	101,800			
2003	30,000	190,000	220,000	11,600	41,000	52,600	41,600	231,000	272,600			
2004	8,500	204,000	212,500	2,700	45,000	47,700	11,200	249,000	260,200			
2005	2,200	85,500	87,700	800	17,000	17,800	3,000	102,500	105,500			

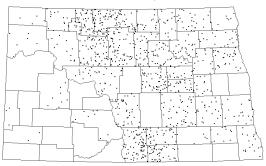
<sup>&</sup>lt;sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals and processors.

All Sunflower: Area Planted and Harvested, Yield and Production, North Dakota by County, 2005 <sup>1</sup>

Produc	tion, North	Dakota by	County,	2005 <sup>1</sup>
District		20	005	T
and County	Area	Area	Yield Per	Production
County	Planted	Harvested	Acre	Davisala
Durles.	Acres	Acres	Pounds	Pounds 21,530,000
Burke Divide	14,600	13,800	1,560 1,561	5,930,000 5,930,000
	3,900 12,500	3,800 11,900	1,550	18,440,000
Mountrail Renville	45,100	44,400	1,538	68,280,000
Nard	75,300	74,100	1,605	118,920,000
Williams	5,100	5,000	1,394	6,970,000
Combined Counties	3,100	3,000	1,394	0,970,000
Northwest	156,500	153,000	1,569	240,070,000
Benson	37,000	36,000	1,274	45,850,000
Bottineau	90,500	83,800	1,484	124,400,000
McHenry	66,400	63,700	1,484	94,560,000
Pierce	31,400	29,900	1,423	42,540,000
Rolette	16,700	15,600	1,252	19,530,000
Combined Counties	,	,	.,	, ,
North Central	242,000	229,000	1,427	326,880,000
Cavalier	28,000	26,700	1,343	35,860,000
Grand Forks	30,000	29,300	1,410	41,310,000
Nelson	13,800	13,500	1,556	21,010,000
Pembina	9,100	8,800	1,164	10,240,000
Ramsey	25,100	23,800	1,337	31,820,000
Towner	18,600	17,300	1,268	21,940,000
Nalsh	20,400	20,100	1,414	28,430,000
Combined Counties	'	, , ,		,,
Northeast	145,000	139,500	1,366	190,610,000
Dunn	7,800	7,600	1,496	11,370,000
VIcKenzie		-		
√lcLean	36,400	36,100	1,548	55,880,000
Mercer				
Oliver				
Combined Counties	13,800	13,300	1,660	22,080,000
Nest Central	58,000	57,000	1,567	89,330,000
Eddy	15,300	15,000	1,684	25,260,000
oster	26,200	25,700	1,605	41,250,000
Kidder				
Sheridan				
Stutsman	46,200	45,600	1,568	71,490,000
Vells	52,500	51,500	1,600	82,390,000
Combined Counties	40,300	39,700	1,671	66,340,000
Central	180,500	177,500	1,615	286,730,000
Barnes	20,900	20,500	1,703	34,920,000
Cass	18,400	18,100	1,701	30,780,000
Griggs	14,600	14,200	1,559	22,140,000
Steele				
Fraill	7.400	0.700	4 007	0.400.000
Combined Counties	7,100	6,700	1,367	9,160,000
East Central	61,000	59,500	1,630	97,000,000
Adams				
Billings				
Bowman	2 200	2.400	4 507	4 000 000
Golden Valley	3,200	3,100	1,587	4,920,000
Hettinger	2 200	2 200	4 4 4 4	2 470 000
Slope	2,300	2,200	1,441	3,170,000
Stark	22 000	22 400	4 507	22 740 000
Combined Counties	23,000	22,100	1,527	33,740,000 41,830,000
Southwest Burleigh	28,500 40,000	27,400	1,527 1,720	
Burleigh	40.000	38,100	1,720	65,540,000 151,100,000
		70 400	2.067	
Emmons Front	74,200	73,100	2,067	131,100,000
Grant	74,200	,		
Grant Morton		73,100 9,600	2,067 1,583	
Grant Morton Sioux	74,200 9,800	9,600	1,583	15,200,000
Grant Morton Bioux Combined Counties	74,200 9,800 15,500	9,600 15,200	1,583 1,568	15,200,000 23,830,000
Grant Morton Sioux Combined Counties South Central	74,200 9,800	9,600	1,583	
Grant Morton Sioux Combined Counties South Central Dickey	74,200 9,800 15,500 139,500	9,600 15,200 136,000	1,583 1,568 1,880	15,200,000 23,830,000 255,670,000
Grant Morton Sioux Combined Counties South Central Dickey LaMoure	74,200 9,800 15,500 139,500 5,400	9,600 15,200 136,000 5,200	1,583 1,568 1,880 1,612	15,200,000 23,830,000 255,670,000 8,380,000
Grant Morton Sioux Combined Counties South Central Dickey aMoure Logan	74,200 9,800 15,500 139,500 5,400 37,800	9,600 15,200 136,000 5,200 37,200	1,583 1,568 1,880 1,612 1,856	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000
Grant Morton Sioux Combined Counties South Central Dickey LaMoure Logan MoIntosh	74,200 9,800 15,500 139,500 5,400 37,800 43,400	9,600 15,200 136,000 5,200 37,200 42,800	1,583 1,568 1,880 1,612 1,856 1,766	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000
Grant Morton Sioux Combined Counties South Central Dickey _aMoure _ogan McIntosh Ransom	74,200 9,800 15,500 139,500 5,400 37,800 43,400 12,500	9,600 15,200 136,000 5,200 37,200 42,800 12,100	1,583 1,568 1,880 1,612 1,856 1,766 1,880	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000 22,750,000
Grant Morton Sioux Combined Counties South Central Dickey _aMoure _ogan McIntosh Ransom Richland	74,200 9,800 15,500 139,500 5,400 37,800 43,400	9,600 15,200 136,000 5,200 37,200 42,800	1,583 1,568 1,880 1,612 1,856 1,766	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000 22,750,000
Grant Morton Sioux Combined Counties South Central Dickey LaMoure Logan McIntosh Ransom Richland Sargent	74,200 9,800 15,500 139,500 5,400 37,800 43,400 12,500 17,900	9,600 15,200 136,000 5,200 37,200 42,800 12,100 17,200	1,583 1,568 1,880 1,612 1,856 1,766 1,880 1,652	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000 22,750,000 28,420,000
Grant Morton Sioux Combined Counties South Central Dickey LaMoure Logan MoIntosh Ransom Richland Gargent Combined Counties	74,200 9,800 15,500 139,500 5,400 37,800 43,400 12,500 17,900 12,000	9,600 15,200 136,000 5,200 37,200 42,800 12,100 17,200	1,583 1,568 1,880 1,612 1,856 1,766 1,880 1,652 1,753	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000 22,750,000 28,420,000
Grant Morton Sioux Combined Counties South Central Dickey LaMoure Logan McIntosh Ransom Richland Sargent	74,200 9,800 15,500 139,500 5,400 37,800 43,400 12,500 17,900	9,600 15,200 136,000 5,200 37,200 42,800 12,100 17,200	1,583 1,568 1,880 1,612 1,856 1,766 1,880 1,652	15,200,000 23,830,000 255,670,000 8,380,000 69,050,000 75,600,000 22,750,000 28,420,000

<sup>&</sup>lt;sup>1</sup> Data published in combined counties or districts to avoid disclosure of individual operations.

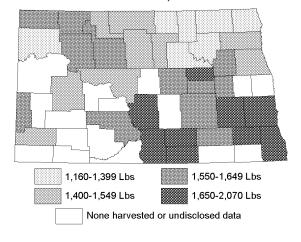
### All Sunflower: Harvested Acres North Dakota, 2005



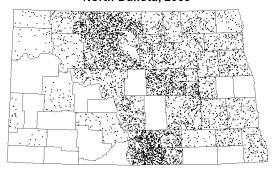
1 Dot = 1,000 Acres

Dots randomly placed within county.
Blank counties represent none harvested or undisclosed data.

### All Sunflower: Yield Per Acre North Dakota, 2005



## All Sunflower: Production North Dakota, 2005



1 Dot = 300,000 Lbs

Dots randomly placed within county.
Blank counties represent none harvested or undisclosed data.

All Sunflower: Area Planted and Harvested, Yield and Production North Dakota by County, 2004 and 5-Year Average

District		North Dake		unty, 2004 and	15-Year Average 5-Year Average (2000-2004) <sup>2</sup>				
and	Area	Area	Yield Per		Area	Area	Yield Per		
County	Planted	Harvested	Acre	Production	Planted	Harvested	Acre	Production	
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds	
Burke	5,100	4,300	1,040	4,470,000					
Divide Mountrail									
Renville	26,300	22,000	795	17,480,000					
Ward	59,900	55,800	1,116	62,260,000	57,740	55,460	1,461	80,736,000	
Williams	800	500	1,100	550,000	1,040	900	1,184	1,040,000	
Combined Counties	14,400	12,600	756	9,530,000	400.700	404 400	4 202	420 200 000	
Northwest Benson	106,500 28,000	95,200 21,800	990 691	94,290,000 15,060,000	106,760 38,120	101,420 35,300	1,363 1,167	138,308,000 42,076,000	
Bottineau	38,500	35,900	843	30,270,000	62,160	60,120	1,107	79,794,000	
McHenry	59,400	56,200	954	53,630,000	61,840	59,680	1,299	77,542,000	
Pierce	25,900	24,500	897	21,970,000	33,400	31,660	1,289	41,484,000	
Rolette	6,700	5,700	863	4,920,000	11,480	10,960	1,183	13,278,000	
Combined Counties North Central	158,500	144,100	873	125,850,000	207,000	197,720	1,266	254,174,000	
Cavalier	15,500	8,100	575	4,660,000	22,540	20.520	1,175	25,904,000	
Grand Forks	31,200	28,100	870	24,450,000	32,960	31,160	1,282	40,474,000	
Nelson	16,000	13,600	906	12,320,000	24,420	22,660	1,285	29,878,000	
Pembina	7,400	4,700	877	4,120,000	8,360	7,620	1,282	10,084,000	
Ramsey Towner	20,500 8,800	16,000 4,500	666 587	10,660,000 2,640,000	20,900 13,220	19,060 11.720	1,188	23,592,000 15,360,000	
Walsh	14,600	11,100	751	8,340,000	22,400	20,760	1,214 1,317	28,328,000	
Combined Counties	14,000	11,100	701	0,040,000	22,400	20,700	1,017	20,020,000	
Northeast	114,000	86,100	780	67,190,000	144,800	133,500	1,258	173,620,000	
Dunn	6,200	6,000	762	4,570,000					
McKenzie McLean	40,900	39,200	1,098	43,030,000	34,860	33,860	1,326	44,362,000	
Mercer	40,900	39,200	1,096	43,030,000	34,000	33,000	1,320	44,302,000	
Oliver									
Combined Counties	17,400	16,900	1,372	23,190,000					
West Central	64,500	62,100	1,140	70,790,000	60,580	58,900	1,289	75,102,000	
Eddy Foster	20,100 23,400	13,400 20,600	731 779	9,790,000 16,040,000	26,660 42,180	23,600 39,800	1,140 1,225	28,002,000 50,188,000	
Kidder	23,400	20,000	113	10,040,000	42,100	33,000	1,220	30,100,000	
Sheridan									
Stutsman	46,700	39,800	789	31,420,000	69,700	66,840	1,265	87,844,000	
Wells	47,100	43,600	995	43,370,000	63,120	60,480	1,273	78,532,000	
Combined Counties Central	29,700 167,000	28,600 146,000	1,179 920	33,720,000 134,340,000	239,600	227,700	1,260	293,478,000	
Barnes	22,000	20,600	1,051	21,660,000	37,200	36,540	1,413	52,772,000	
Cass	7,100	6,700	1,273	8,530,000	13,360	12,920	1,393	17,792,000	
Griggs									
Steele	0.000	0.000	4 0 4 0	0.000.000	<b>5</b> 440	<b>5</b> 400	4 405	0.004.000	
Traill Combined Counties	2,800 17,100	2,600 16,100	1,012 1,012	2,630,000 16,300,000	5,440	5,120	1,195	6,094,000	
East Central	49,000	46,000	1,068	49,120,000	90,100	87,180	1,401	124,614,000	
Adams	5,100	4,400	1,025	4,510,000	00,.00	0.,.00	.,	12 1,0 1 1,000	
Billings		•							
Bowman	2,900	2,800	714	2,000,000					
Golden Valley Hettinger	6,600	6,500	1,308	8,500,000					
Slope	3,300	3,200	978	3,130,000	3,560	3,380	1,060	3,780,000	
Stark	4,700	4,300	805	3,460,000	0,000	0,000	1,000	0,700,000	
Combined Counties	2,400	2,300	1,061	2,440,000					
Southwest	25,000	23,500	1,023	24,040,000	41,160	39,320	1,086	43,562,000	
Burleigh	31,800	31,200	1,294	40,370,000	34,100	32,900	1,272	41,320,000	
Emmons Grant	58,300	57,000	1,123	64,000,000	64,300	62,340	1,286	81,198,000	
Morton									
Sioux									
Combined Counties	23,400	19,300	711	13,730,000					
South Central	113,500	107,500	1,099	118,100,000	159,500	151,940	1,215	187,640,000	
Dickey	5,700	5,600	1,255	7,030,000	05 400	04.060	1 240	22 520 000	
LaMoure Logan	6,300 26,300	5,900 25,600	1,259 1,390	7,430,000 35,590,000	25,180	24,360	1,349	32,530,000	
McIntosh	32,500	31,500	1,314	41,380,000	36,880	35,460	1,219	44,086,000	
Ransom	5,400	5,300	1,551	8,220,000	32,220	,,,,,,	/=:-	,,,,,,,,,	
Richland									
Sargent	F 000	5.000	4 400	0.000.000					
Combined Counties	5,800 82,000	5,600 79,500	1,488 1,358	8,330,000 107,980,000	122,500	119,320	1,267	153 012 000	
Southeast Combined Districts	02,000	19,500	1,336	107,900,000	122,500	118,320	1,207	153,912,000	
	000 000	700 000	1.000	704 700 000	1 172 000	1 117 000	1 275	1 444 440 000	
STATE	880,000	790,000	1,002	791,700,000	1,172,000	1,117,000	1,275	1,444,410,000	

<sup>&</sup>lt;sup>1</sup> Data published in combined counties or districts to avoid disclosure of individual operations. <sup>2</sup> Five-year averages are calculated for those counties and districts which have all five years of published data. Some counties or districts are not published to avoid disclosure of individual data.

Oil and Non-oil Sunflower: Area Planted and Harvested, Yield and Production North Dakota by County, 2005 <sup>1</sup>

District			)il	ota by County	,	Man	a:I	
District and	Area	Area	Yield Per	1	Area	Non Area	Yield Per	
County	Planted	Harvested	Acre	Production	Planted	Harvested	Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Burke	14,600	13,800	1,560	21,530,000				
Divide	3,900	3,800	1,561	5,930,000				
Mountrail	10,000	9,500	1,578	14,990,000	2,500	2,400	1,438	3,450,000
Renville	41,500	41,000	1,544	63,310,000	3,600	3,400	1,462	4,970,000
Ward	70,500	69,500	1,617	112,350,000	4,800	4,600	1,428	6,570,000
Williams	4,500	4,400	1,377	6,060,000	600	600	1,517	910,000
Combined Counties Northwest	145,000	142,000	1,579	224,170,000	11,500	11,000	1,445	15,900,000
Benson	145,000	18,500	1,379	26.900.000	18,000	17,500	1,445	18,950,000
Bottineau	70,000	65,500	1,488	97,450,000	20,500	18,300	1,003	26,950,000
McHenry	61,500	59,100	1,506	89,000,000	4,900	4,600	1,209	5,560,000
Pierce	26,000	24,800	1,490	36,960,000	5,400	5,100	1,094	5,580,000
Rolette	13,500	12,600	1,253	15,790,000	3,200	3,000	1,247	3,740,000
Combined Counties	.0,000	.2,000	.,200	. 0,. 00,000	0,200	0,000	.,	0,1 10,000
North Central	190,000	180,500	1,474	266,100,000	52,000	48,500	1,253	60,780,000
Cavalier	10,000	9,100	1,340	12,190,000	18,000	17,600	1,345	23,670,000
Grand Forks	24,700	24,200	1,430	34,610,000	5,300	5,100	1,314	6,700,000
Nelson	11,800	11,600	1,543	17,900,000	2,000	1,900	1,637	3,110,000
Pembina	4,300	4,200	1,312	5,510,000	4,800	4,600	1,028	4,730,000
Ramsey	10,600	10,000	1,320	13,200,000	14,500	13,800	1,349	18,620,000
Towner	10,600	10,100	1,215	12,270,000	8,000	7,200	1,343	9,670,000
Walsh	17,000	16,800	1,401	23,530,000	3,400	3,300	1,485	4,900,000
Combined Counties								
Northeast	89,000	86,000	1,386	119,210,000	56,000	53,500	1,335	71,400,000
Dunn	3,900	3,800	1,621	6,160,000	3,900	3,800	1,371	5,210,000
McKenzie								
McLean	30,000	29,900	1,549	46,320,000	6,400	6,200	1,542	9,560,000
Mercer					600	500	1,260	630,000
Oliver	7,600	7,500	1,703	12,770,000				
Combined Counties	5,000	4,800	1,650	7,920,000	600	500	1,520	760,000
West Central	46,500	46,000	1,591	73,170,000	11,500	11,000	1,469	16,160,000
Eddy	12,000	11,800	1,738	20,510,000	3,300	3,200	1,484	4,750,000
Foster	15,500	15,300	1,703	26,060,000	10,700	10,400	1,461	15,190,000
Kidder	17,500	17,300	1,821	31,500,000				
Sheridan Stutsman	18,500 36,500	18,300 36,100	1,572 1,588	28,760,000 57,330,000	9,700	9,500	1,491	14,160,000
Wells	44,000	43,200	1,619	69,940,000	8,500	8,300 8,300	1,500	12,450,000
Combined Counties	44,000	43,200	1,019	09,940,000	4,300	4,100	1,483	6,080,000
Central	144,000	142,000	1,649	234,100,000	36,500	35,500	1,483	52,630,000
Barnes	17,000	16,700	1,710	28,550,000	3,900	3,800	1,676	6.370.000
Cass	15,000	14,800	1,732	25,630,000	3,400	3,300	1,561	5,150,000
Griggs	10,200	9,900	1,643	16,270,000	4,400	4,300	1,365	5,870,000
Steele	3,500	3,400	1,309	4,450,000	.,	.,000	1,000	0,0.0,000
Traill	1,800	1,700	1,353	2,300,000				
Combined Counties	,	,	,	, ,	1,800	1,600	1,506	2,410,000
East Central	47,500	46,500	1,660	77,200,000	13,500	13,000	1,523	19,800,000
Adams	2,300	2,200	1,414	3,110,000		•		
Billings	•	•						
Bowman								
Golden Valley	3,200	3,100	1,587	4,920,000				
Hettinger	10,000	9,700	1,590	15,420,000				
Slope	2,300	2,200	1,441	3,170,000				
Stark	6,700	6,500	1,480	9,620,000	. =			
Combined Counties	2,500	2,300	1,548	3,560,000	1,500	1,400	1,450	2,030,000
Southwest	27,000	26,000	1,531	39,800,000	1,500	1,400	1,450	2,030,000
Burleigh	34,500	32,800	1,735	56,920,000	5,500	5,300	1,626	8,620,000
Emmons	63,000	62,000	2,003	124,200,000	11,200	11,100	2,423	26,900,000
Grant	5,300	5,200	1,538	8,000,000	0.700	0.000	4505	4.400.000
Morton	7,100	7,000	1,583	11,080,000	2,700	2,600	1,585	4,120,000
Sioux	8,100	8,000	1,625	13,000,000	0.400	0.000	1 445	0.000.000
Combined Counties	118,000	115 000	1 05/	213,200,000	2,100	2,000	1,415 2,022	2,830,000
South Central Dickey		115,000 2,900	1,854 1,655	4.800.000	21,500	21,000	2,022	42,470,000
LaMoure	3,000 2,600	2,900 2,500	1,655 1,548	4,800,000 3,870,000	2,800	2,700	1,670	4,510,000
Logan	32,500	32,000	1,816	58,100,000	5,300	5,200	2,106	10,950,000
McIntosh	40,000	39,500	1,731	68,360,000	3,400	3,300	2,100	7,240,000
Ransom	11,000	10,700	1,731	19,900,000	1,500	1,400	2,194	2,850,000
Richland	10,500	10,100	1,655	16,720,000	7,400	7,100	1,648	11,700,000
Sargent	3,400	3,300	1,864	6,150,000	7,700	7,100	1,040	. 1,7 00,000
Combined Counties	3, 100	0,000	.,00 +	3,100,000	5,600	5,400	1,737	9,380,000
Southeast	103,000	101,000	1,761	177,900,000	26,000	25,100	1,858	46,630,000
Combined Districts	,	,	.,	.,,			,,,,,,,,	-,,
State Total	910,000	885,000	1,610	1,424,850,000	230,000	220 000	1.400	327 900 000
				dividual operations	230,000	220,000	1,490	327,800,000

<sup>&</sup>lt;sup>1</sup> Data published in combined counties or districts to avoid disclosure of individual operations.

Oil and Non-oil Sunflower: Area Planted and Harvested, Yield and Production North Dakota by County, 2004 <sup>1</sup>

District				ota by County	, 2004			
District and	Area	Area	Yield Per	<u> </u>	Area	Non Area	-oil Yield Per	
County	Planted	Harvested	Acre	Production	Planted	Harvested	Acre	Production
<u> </u>	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Burke	5,100	4,300	1,040 800	4,470,000				
Divide Mountrail	1,100 11,000	800 9,600	803	640,000 7,710,000				
Renville	24,000	19,900	828	16,470,000	2,300	2,100	481	1,010,000
Ward	58,000	53,900	1,118	60,260,000	1,900	1,900	1,053	2,000,000
Williams	800	500	1,100	550,000	1,000	1,000	,,,,,,	_,,,,,,,,
Combined Counties					2,300	2,200	536	1,180,000
Northwest	100,000	89,000	1,012	90,100,000	6,500	6,200	676	4,190,000
Benson	14,000	12,300	829	10,200,000	14,000	9,500	512	4,860,000
Bottineau McHenry	28,000 55,000	27,200 52,400	893 970	24,290,000 50,820,000	10,500 4,400	8,700 3,800	687 739	5,980,000 2.810.000
Pierce	23,000	21,700	921	19,990,000	2,900	2,800	707	1,980,000
Rolette	5,000	4,900	900	4,410,000	1,700	800	638	510,000
Combined Counties	0,000	.,000		., ,	.,. 00			0.0,000
North Central	125,000	118,500	926	109,710,000	33,500	25,600	630	16,140,000
Cavalier	4,000	3,100	787	2,440,000	11,500	5,000	444	2,220,000
Grand Forks	23,500	21,600	897	19,370,000	7,700	6,500	782	5,080,000
Nelson	14,500	12,700	919	11,670,000	1,500	900	722	650,000
Pembina Ramsey	5,000 6,000	3,500 4,500	1,003 769	3,510,000 3,460,000	2,400 14,500	1,200 11,500	508 626	610,000 7,200,000
Towner	5,500 5,500	2,900	690	2,000,000	3,300	1,600	400	640,000
Walsh	11,500	8,700	824	7,170,000	3,100	2,400	488	1,170,000
Combined Counties	,000	0,1.00	02.	.,,	3,.00	_,.00		.,,
Northeast	70,000	57,000	871	49,620,000	44,000	29,100	604	17,570,000
Dunn	4,500	4,400	682	3,000,000	1,700	1,600	981	1,570,000
McKenzie	04.500	00.000	4 400	07.050.000	0.400	0.000	040	E 000 000
McLean Mercer	34,500	33,000	1,132	37,350,000	6,400	6,200	916	5,680,000
Oliver	8,500 7,500	8,300 7,300	1,471 1,304	12,210,000 9,520,000				
Combined Counties	7,300	7,300	1,304	9,320,000	1,400	1,300	1,123	1,460,000
West Central	55,000	53,000	1,171	62,080,000	9,500	9,100	957	8,710,000
Eddy	16,000	10,000	724	7,240,000	4,100	3,400	750	2,550,000
Foster	16,000	15,200	809	12,290,000	7,400	5,400	694	3,750,000
Kidder	12,500	12,200	1,361	16,610,000				
Sheridan	13,500	13,100	1,037	13,580,000	0.700	0.000	605	0.000.000
Stutsman Wells	37,000 40,000	31,000 37,500	819 1,067	25,390,000 40,020,000	9,700 7,100	8,800 6,100	685 549	6,030,000 3,350,000
Combined Counties	40,000	37,300	1,007	40,020,000	3,700	3,300	1,070	3,530,000
Central	135,000	119,000	967	115,130,000	32,000	27,000	711	19,210,000
Barnes	18,500	17,300	1,098	19,000,000	3,500	3,300	806	2,660,000
Cass	5,100	4,800	1,323	6,350,000	2,000	1,900	1,147	2,180,000
Griggs	11,000	10,500	1,121	11,770,000 2.840.000				
Steele Traill	3,700 1,700	3,300 1,600	861 1,194	1,910,000	1,100	1,000	720	720,000
Combined Counties	1,700	1,000	1,154	1,510,000	2,400	2,300	735	1,690,000
East Central	40,000	37,500	1,117	41,870,000	9,000	8,500	853	7,250,000
Adams	5,100	4,400	1,025	4,510,000	,	,		, ,
Billings								
Bowman	2,900	2,800	714	2,000,000				
Golden Valley	0.000	0.500	4 200	0.500.000				
Hettinger Slope	6,600 3,300	6,500 3,200	1,308 978	8,500,000 3,130,000				
Stark	4,700	4,300	805	3,460,000				
Combined Counties	2,400	2,300	1,061	2,440,000				
Southwest	25,000	23,500	1,023	24,040,000				
Burleigh	29,500	29,000	1,283	37,200,000	2,300	2,200	1,441	3,170,000
Emmons	48,500	47,400	1,060	50,260,000	9,800	9,600	1,431	13,740,000
Grant								
Morton	10,500	10,000	871	8,710,000				
Sioux Combined Counties	11,500	8,100	457	3,700,000	1,400	1,200	1,100	1,320,000
South Central	100,000	94,500	1,057	99,870,000	13,500	13,000	1,100	18,230,000
Dickey	4,200	4.100	1,100	4.510.000	1,500	1,500	1,680	2.520.000
LaMoure	4,200	4,000	1,400	5,600,000	2,100	1,900	963	1,830,000
Logan	22,500	21,900	1,416	31,010,000	3,800	3,700	1,238	4,580,000
McIntosh	31,000	30,100	1,323	39,810,000	1,500	1,400	1,121	1,570,000
Ransom	3,600	3,500	1,663	5,820,000	1,800	1,800	1,333	2,400,000
Richland Sargent	3,800 700	3,700 700	1,662 1,543	6,150,000 1,080,000				
Combined Counties	700	700	1,040	1,000,000	1,300	1,200	917	1,100,000
Southeast	70,000	68,000	1,382	93,980,000	12,000	11,500	1,217	14,000,000
Combined Districts	-,	,	,	, ,	,	, = = =		, ,
STATE	720,000	660,000	1,040	686,400,000	160,000	130,000	810	105,300,000
<sup>1</sup> Data published in comb			,		100,000	100,000	010	. 55,555,000

<sup>&</sup>lt;sup>1</sup> Data published in combined counties or districts to avoid disclosure of individual operations.